

Books (cont. from p. 137)

New Publications

Items listed in New Publications can be ordered directly from the publisher; they are not available through AGU.

Advances in Geophysics, vol. 24, B. Saltzman (Ed.), Academic, New York, vii + 328 pp., 1982.

The Arctic Ocean: The Hydrographic Environment and the Fate of Pollutants, L. Roy (Ed.), John Wiley, New York, xi + 433 pp., 1982, \$89.95.

Atlas of Igneous Rocks and Their Textures, W. S. MacKenzie, C. H. Donaldson, and C. Guilford, John Wiley, New York, x + 148 pp., 1982, \$27.95.

Canyon Dioxide: Friend or Foe? An Inquiry Into the Climatic and Agricultural Consequences of the Rapidly Rising CO₂ Content of Earth's Atmosphere, S. B. Idso, IBR Press, Tempe, Arizona, xiii + 92 pp., 1982.

Chemical Hydrology, W. Back and R. A. Freeze (Eds.), Benchmark Papers in Geology, vol. 73, Hutchinson Ross, Stroudsburg, Pa., x + 416 pp., 1982.

Depositional Systems: A Genetic Approach to Sedimentary Geology, R. A. Davis, Jr., Prentice-Hall, Englewood Cliffs, N.J., xvi + 669 pp., 1983, \$93.95.

Environmental Isotopes in the Hydrosphere, V. I. Ferrinsky and V. A. Physkov, translated from Russian by S. V. Ferrinsky, John Wiley, New York, viii + 468 pp., 1982, \$71.00.

Geological Implications of Impacts of Large Asteroids and Comets on the Earth, L. T. Silver, P. H. Schultz (Eds.), Spec. Pnp. 190, Geol. Soc. Am., Boulder, Colo., xiv + 528 pp., 1982, \$40.00.

Geothermal Reservoir Engineering, M. A. Gerni, L. G. Donaldson, and P. F. Bixley, Academic, New York, xii + 369 pp., 1982.

Handbook of Snow: Principles, Processes, Management & Use, H. M. Gray and D. H. MacLean, Pergamon, New York, xx + 776 pp., 1981.

Introduction to L'Economie Generale de L'Etat, A. Erhard-Cassegrain and J. Margat, Masson, New York, xii + 361 pp., 1983.

Land Surface Processes in Atmospheric General Circulation Models, P. S. Eagleson (Ed.), Cambridge University Press, New York, 1982, \$51.00.

Mapa de Recursos Minerales de Antioquia, C. J. Rodriguez C. and A. Pernici M., Ministerio de Minas y Energia, Instituto Nacional de Investigaciones Geologicas-Mineras, Bogota, Colombia, 14 pp., 1980.

Measurement of Hydrographic Parameters in Large Sand-Bed Streams From Boats, Task Committee on Hydrographic Investigations of the Committee on Waterways of the Waterway, Coastal, and Ocean Div., Am. Soc. Civ. Eng., New York, v + 81 pp., 1983, \$15.50.

Nature and Origin of Cretaceous Carbon-rich Facies, S. O. Schlanger and M. 8. Cita (Eds.), Academic, New York, ix + 229 pp., 1982, \$39.00.

The Ocean Floor: Bruce Heezen Commemorative Volume, R. A. Scruton and M. Talvani (Eds.), John Wiley, New York, ix + 318 pp. and pocket maps, 1982, \$106.00.

Orageny, A. Miyashiro, K. Aki, and A. M. Celal Scorgor, John Wiley, New York, x + 242 pp., 1982, \$45.00.

Petroleum Geology for Geophysicists and Engineers, R. C. Selby, Int. Hum. Resour. Dev. Corp., Boston, vii + 88 pp., 1983, \$22.50 cloth, \$15.00 paper.

Prematrix Sulfide Deposits: H. S. Robinson Memorial Volume, R. W. Hutchinson, C. D. Spence, and J. M. Franklin (Eds.), Spec. Pap. 25, Geol. Assoc. Can., Toronto, Ontario, vii + 792 pp., 1982, \$57.00.

Reserva Explicativa Del Mapa Geologico Del Departamento De Norte, J. L. Arango and A. Poace, Informe No. 1878, Ministerio de Minas y Energia, Instituto Nacional de Investigaciones Geologicas-Mineras, Bogota, Colombia, iii + 40 pp., 1980.

Rock-Framing Minerals, vol. 1A, 2nd ed., Orthosilicates, W. A. Deer, R. A. Howie, and J. Zussman, Longman, New York, ix + 919 pp., 1982, \$149.95.

Sediment Budgets and Routing in Forested Drainage Basins, F. J. Swanson, R. J. Janda, T. Dinnic, and D. N. Swanson, Geol. Tech. Rep. FNIW-141, U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Ore., ii + 165 pp., 1982.

Seismic Reflection Interpretation, A. H. Kley, Applied Science, New York, xii + 269 pp., 1983, \$57.50.

Space and Planetary Environment Criteria Guidelines for Use in Space Vehicle Development, 1982 rev., vol. 1, R. E. Smith and G. S. West (Eds.), NASA Tech. Mem. 82478, NASA, Marshall Space Flight Center, Ala., xii + 290 pp., 1983.

Water Quality, G. S. Tolley, D. Yaron, and G. C. Bloomquist (Eds.), Environ. Pol., vol. 3, G. S. Tolley (Ed.), Ballinger, Cambridge, Mass., 1983, \$38.00.

Classified

RATES PER LINE

Positions Wanted: first insertion \$1.75, additional insertions \$1.50.

Positions Available, Services, Supplies, Counsel, and Announcements: first insertion \$1.50, additional insertions \$1.25.

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Replies to ads will be sent to the advertiser at the address to which the ad was sent. American Geophysical Union, 2000 Florida Avenue, N.W., Washington, D. C. 20009.

For further information, call toll free 800-424-2488 or, in the Washington, D.C. area, 462-8903.

POSITIONS AVAILABLE

Assistant Research Oceanographer Position. The Center for Coastal Studies, Scripps Institution of Oceanography, has an opening for a physical oceanographer with a general background in nearshore processes and coastal oceanography. The position involves investigations of surface gravity waves. Incumbent will be expected to conduct field and remote sensing experiments of wave properties, dynamics and climatology in the nearshore environment. Responsibilities will also include design and implementation of surface gravity wave measurement systems. A variety of other nearshore processes investigations.

Minimum qualifications for this position are the Ph.D. degree in oceanography and a demonstrated publication record. Successful candidate should have previous field experience as well as demonstrated expertise in wave propagation theory, array design and data analysis. High levels of skill in oral and written communication are necessary.

Appointments in the University of California system are for 1 or 2 years (renewable) and will be at the Assistant Research I, II, or III level, salary from \$22,000-\$25,200, commensurate with qualifications. Submit resume, indicating an interest in this specific position together with a minimum of three references, before 4 May 1983, to:

O. L. Jinnai, Director, Center for Coastal Studies
A-009, Scripps Institution of Oceanography
University of California-San Diego
La Jolla, CA 92093

SIQ/UCSD is an Equal Opportunity/Affirmative Action Employer.

Staff Scientists/Systems Analysts. Research and Data Systems, Inc. has openings available for Staff Scientists, Systems Analysts and Programmers/Analysts to work in areas involved in the development and application of data from satellite based remote sensing systems. Particular needs involve the analysis and processing of Earth Radiation Budget, Microwave, AVHRR and LANDSAT data. Needs also exist in the areas of interactive image graphics, software engineering, real-time processing and satellite data communications. Successful candidates will have an advanced degree in meteorology, physics, engineering, mathematics, or computer science. Hardware background should include IBM, PDP, CYBER or HP-1000 equipment. Send resume in confidence to:

Research and Data Systems, Inc.
10500 Greenbelt Road, Suite 201
Lanham, Maryland 21760
Telephone: (301) 390-0100.

Graduate Research Assistantships. The Department of Geology in San Jose State University maintains the availability of graduate research assistantships to students interested in the MS program. Research areas will include: meteorology, hydrology and geochronology of igneous rocks, sedimentology, structural geology, planetary geology, geophysics, tectonics, paleontology and paleogeography. Appointments are full-time with a maximum stipend of \$5,000 and waiver of out-of-state tuition.

Applicants should submit a letter of application stating their interests along with a transcript and two letters of recommendation to: Dennis Nelson, Chairman, Geology Department, San Jose State University, Alameda, CA 95128.

Research Positions Space Physics. The Space Physics and Astronomy Department at the University of Colorado has several openings for research positions. The department is currently seeking applications for research positions in the following areas:

1. Astrophysics and Astronomy
2. Geophysics (Electromagnetic methods)
3. Theoretical Physics (Medium Energy, Particle Physics, Relativity and Cosmology)

The 1982-83 salary range for an Assistant Professor is \$27,720-\$33,820 (see annum). Applications will be accepted until May 1, 1983, and the expected appointment date is July 1, 1983. The Department of Physics offers both undergraduate and graduate degrees in Physics and Geophysics. The Department currently consists of 17 Faculty Members, 36 Research Associates and Post Doctoral Fellows and 21 Graduate Students. Candidates interested in applying should submit curriculum vitae plus the names of three (3) references to:

Dr. A. N. Kamal
Chairman
Department of Physics
University of Alberta
Edmonton, Alberta, Canada

The University of Alberta is an equal opportunity employer but, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Research Positions for Mathematical Physicists. Applications are invited for several research positions at the University of Colorado. The department is currently seeking applications for research positions in the following areas:

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Statistical (Scientist II) National Center for Atmospheric Research. To work as a statistician in a multidisciplinary group of environmental scientists in the study of atmospheric and environmental processes and carry out independent research program in statistical meteorology and related areas. Requirements include Ph.D. in statistics or mathematics or equivalent skill in applying quantitative techniques such as multiple regression analysis, time series modeling and decision analysis to problems in the atmospheric sciences, demonstrated publications in the field, and commitment to work in multidisciplinary research projects. Skill in computer programming (FORTRAN) and familiarity with statistical computing techniques as well as statistical software packages desired. A scientist II position is for a non-renewable term of up to four years. Individuals may then be appointed to scientist III in accordance with UCAR policy. Position will be available on or about October 1983. To apply contact: Margaret Dornick, 505-496-5151 or send resume and list of publications to: NCAR, Employment, P.O. Box 3060, Boulder, Colorado 80507.

An equal opportunity/affirmative action employer.

Postdoctoral Research Assistantship/UCCLA. The Space Physics Group at UCCLA invites applications for a postdoctoral research position which will become available in October 1983. The position entails the analysis and interpretation of magnetometer data in both earth and planetary orbits. Experience in data analysis and the ability to undertake independent research and communicate the results of the research are required. Computer programming experience is highly desirable. Terms of employment and salary to be determined by the qualifications of the applicant. Inquiries should be directed to C.T. Russell, Institute of Geophysics and Planetary Physics, University of California, Los Angeles, CA 90024. Applications should be accompanied by a resume, a complete bibliography and at least two names of references who are well acquainted with the applicant's background and potential. UCCLA is an equal opportunity/affirmative action employer.

Geology. Instructor to teach geology, geography, and physical science in public community college. Degree Master's degree in geology or related field with minor in chemistry, mathematics, or computer science. Prior teaching experience at college level. Start August 1983. Salary range \$15,000 to \$19,000 for academic year. Apply by May 1, 1983, to: Fredrick, North Idaho College, Coeur d'Alene, Idaho 83814.

An equal opportunity employer.

Assistant Professor/University of Alberta. The Department of Physics at the University of Alberta invites applications for a tenure track position at the level of an Assistant Professor in Physics in any of the following areas:

1. Astrophysics and Astronomy
2. Geophysics (Electromagnetic methods)
3. Theoretical Physics (Medium Energy, Particle Physics, Relativity and Cosmology)

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EOS is the weekly newspaper that gives you the impact you need among the people in the geophysical sciences.

To reserve space or for more information, call 800-424-2488 or 462-8903 in the Washington, D.C. area.

Chalmers—Department of Geological Sciences, Wright State University. The Department of Geological Sciences, invites applications for the position of Assistant Professor in the field of Geophysics. We seek a dynamic individual with administrative talent and an appreciation for research and practice-related educational activities. Rank is at the full professor level and no restrictions have been placed on the type of publications. The department is active with 12 faculty and an emphasis on professional practice, with maintaining a firm commitment to basic research.

Send a letter of application, curriculum vitae and names of three references to: Chairman, Search Committee, Department of Geological Sciences, Wright State University, Dayton, OH 45435.

Wright State University is an affirmative action/ equal opportunity employer. Closing date for the position is October 31, 1983.

JP/Geophysicist. Requires a Ph.D. in geophysics with a strong background and interest in tectonophysics. The available position involves contributing to a funded NASA Geodynamics Program investigation involving the use of space geodetic data for regional strain modeling; effective integration of space geodetic data and other geophysical data types in the investigation of western U.S. tectonics.

Desired candidate with demonstrated ability in initiating small research projects and gain support from a variety of sponsors.

Apply by May 1, 1983 with a closing date of April 30, 1983. Starting date flexible but should not be after August 1, 1983.

Please submit a resume and statement of interest to Professional Staffing, Department J48, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109.

An equal opportunity employer M/F.

Alderson Chair in Applied Ocean Sciences. The Department of Electrical Engineering and Computer Sciences at the University of California, San Diego invites nominations for applications for a tenured full professorship in the field of applied ocean sciences. The position entails the engineering disciplines of this department. The appointee will be expected to take a leading role in research and teaching including participation in the undergraduate program.

Initial appointment carries with it a five year, renewable tenure in the Alderson Chair, including employment income which may be used at the holder's discretion for research support, scholarly travel, summer salary, and other professional expenses.</

1983 AGU SPRING MEETING

May 30-June 3

The 1983 Spring Meeting of the American Geophysical Union will be held in Baltimore from Monday, May 30, to Friday, June 3, at the Baltimore Convention Center. The convention center is located on a elevated pedestrian walkway in Harbor Place, a development of colorful and unique boutiques and restaurants overlooking Baltimore harbor.

Baltimore has experienced a dramatic rebirth in the last decade. The sparkling Inner Harbor has come to life with the opening of the twin crystalline pavilions of Harborplace, the unusual 425 foot high World Trade Center, the tallest pentagonal structure in the world, and the National Aquarium with its 932,000 gallon tank capacity. In addition, the Inner Harbor of Baltimore is a myriad facility of aquatic recreation and history.

The exotic and elaborate variety that encompasses 'Charm City' is evident in every phase of life; from its ethnic and reconstructed cobblestone and brick townhouse neighborhoods, to its vast array of dining establishments, Baltimore is an exceptionally delightful experience worth savoring.

Shop Baltimore's world famous markets which date back to the late 1700s. Tour the city's cultural and historic attractions, the restored mansions, churches, parks, Fort McHenry, the U.S. Frigate Constellation and the Maryland Science Center. You will be pleasantly surprised at all Baltimore has to offer.

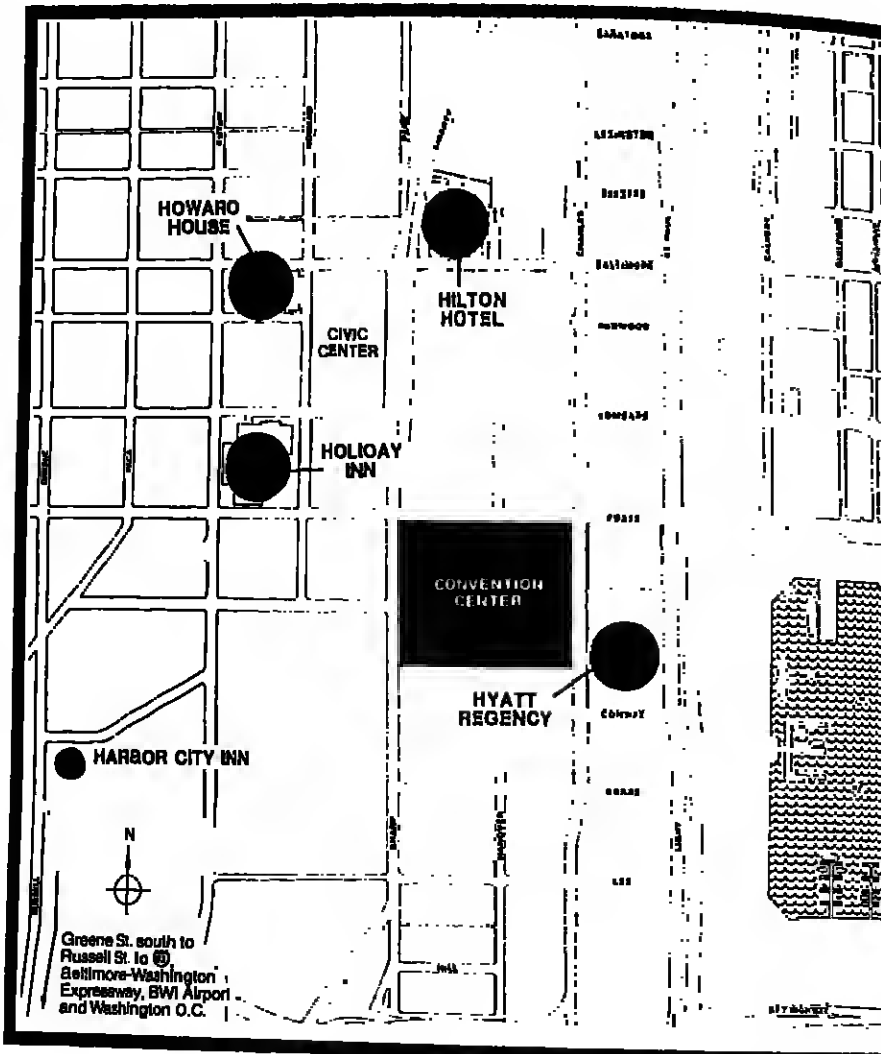
Hotel Accommodations. Blocks of rooms are being held at the Hilton, the Hyatt Regency, the Holiday Inn, the Howard House, and the Harbor City Inn for those attending. Read the housing application and mail the completed application form to the housing bureau early to ensure reservations at your preferred hotel.

Transportation. For the visitor arriving at Baltimore-Washington International Airport (BWI), it is only an 8-mile (13-km) ride to downtown Baltimore. Be sure to read the special announcement about discounted airfare, which also applies to flights to and from Washington airports.

Registration. Everyone who attends the meeting must register. Preregistration (received by May 11) saves you time and money, and the fee will be refunded if AGU receives written notice of inability to attend by May 26. Registration for 1 day only is available at one half of the applicable preregistration rates, either in advance or at the meeting. Registration rates are as follows:

	Pre-registration	After 5/11
Member	\$65	\$80
Student	\$32	\$47
Nonmember	\$85	\$100
Student nonmember	\$39	\$54
Retired senior member	\$32	\$49

Members of the American Meteorological Society, the American Society of Photogrammetry, Union Geofisica Mexicana, the Canadian Geophysical Union, the European Geophysical Union, and the American Congress on



American Geophysical Union SPRING 1983 MEETING May 30-June 3, 1983 Baltimore, Maryland

Housing Coordinator
AGU Spring Meeting
Baltimore Housing Bureau
1 East Pratt Street
Baltimore, Maryland 21202

HOUSING APPLICATION FORM

READ CAREFULLY:

Please print or type (pica spaced) all information abbreviating as necessary. Confirmation will be sent by the hotel to the individual named in Part I. If more than one room is required, this form may be photocopied.

PART I

REQUEROR
LAST NAME FIRST
NAME OF COMPANY OR FIRM
STREET ADDRESS OR P.O. BOX NUMBER
CITY STATE ZIP U.S.A.
COUNTRY AREA CODE PHONE NUMBER

PART II

INSTRUCTIONS: Select THREE Hotel/Motels of your choice from the list of participating facilities, then enter the appropriate code letters in the boxes below.

FIRST CHOICE HOTEL CODE	SECOND CHOICE HOTEL CODE	THIRD CHOICE HOTEL CODE
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NOTE: Rooms are assigned in "First Come First Serve" order and if none of your choices are available, another facility will be assigned based on a raffle system arranged by your convention organizer. A cut-off date in the application and your application may not be processed if received after 14 days prior to your arrival date.

* AGU housing registration deadline is April 25.

PART III

INSTRUCTIONS: 1. Select type room desired with arrival and departure dates.
2. PRINT or TYPE names of ALL persons occupying room.
3. If more than two people share a room, check twin and the hotel will assign two double beds.

CHECK ONE
O SINGLE (Room with one bed one person)
O DOUBLE (Room with one bed two persons)
O TWIN (Room with two beds two persons)
O P + 1 (Perfor plus one bedroom suite)
O P + 2 (Perfor plus two bedroom suite)
O EXTRA PERSON

Arrival Date MO DAY
Departure Date MO DAY
Arrival Time AM PM

Guest Names (Print Last Name First)
1.
2.
3.

IMPORTANT NOTE: Hotel MAY require a deposit or some other form of guaranteed arrival. If so, instructions will be on your confirmation form.

Surveying and Mapping may register for the meeting at the AGU member rates.

The difference between member (or student member) registration and nonmember registration may be applied to AGU dues if a completed membership application is received at AGU by July 25, 1983. Current AGU annual membership rates are \$21 for members and \$7 for student members.

To preregister, fill out the registration form, and return it with your payment to AGU before May 11. Your receipt will be included with your preregistration material at the meeting. Preregistrants should pick up their registration material at the preregistration desk at the Convention Center, Monday through Friday registration hours are 8 A.M. to 4 P.M. On Sunday, May 28, registration hours are 8:30-7:30 P.M. in the lobby of the Hilton Hotel. Complimentary badges for guests not attending the scientific sessions will be available at the registration desk.

Scientific Sessions. The preliminary program with abstracts will be published in *Eos*, May 8. All scientific sessions will be held at the convention center. See the section below headed "Program Summary."

Poster Sessions. Poster sessions will be held throughout the meeting in Exhibit Hall A. These sessions will include papers from almost all sessions of the Union. The normal hours for poster presentations are from 8:00 A.M. to 12:00 noon and from 2:00 P.M. to 5:00 P.M. However, posters for the morning session may be left for viewing until 1:00 P.M.

For poster sessions, AGU will provide each presenter with a mounting area measuring 4 x 8 feet (1.25 x 2.50 m). The board will be assigned by numbers corresponding to the presenter's abstract number. Plan your exhibit to fit this space. The boards will be set up in the designated rooms before the poster session begins. Thumb tacks, push pins, tape, and scissors will be available in the meeting room.

Social Events. An Ice Breaker on Monday evening at the convention center is the opening social event of the meeting. Complimentary refreshments will be served daily in Exhibit Hall A. Coffee breaks are 9:30-10:30 A.M. and beer breaks 2:45-3:45 P.M.

Awards Ceremony and Reception. The Awards Ceremony will be held in the Francis Scott Key Ballroom of the Hilton Hotel at 6:00 P.M. on Wednesday, June 1. All meeting participants are invited and are urged to attend. A Reception will follow the ceremony; you can meet and congratulate those being honored and share a glass of wine with them.

President's Dinner. The President's Dinner in honor of the medalists, awardees, and fellows will begin at 8:00 P.M. at the Hilton. It will be a more lavish and formal affair; black tie is optional. Tickets for the dinner are \$25 per person. Purchase your tickets with your preregistration.

Exhibits. The exhibit area in Exhibit Hall A will open 9 A.M. Tuesday and will remain

RETURN THIS FORM WITH PAYMENT TO:

Meetings Registration
American Geophysical Union
2000 Florida Ave., N.W.
Washington, D.C. 20008

PLEASE PRINT CLEARLY

NAME ON BADGE

AFFILIATION

MAILING ADDRESS

Telephone #
HOTEL

Days you plan to attend.

☐ Monday ☐ Wednesday ☐ Friday

☐ Tuesday ☐ Thursday

Please check appropriate box.

Members of the cooperating societies may register at AGU member rates.

Member badges are blue on white.

Nonmember badges are red on white.

☐ Member AGU ☐ Nonmember

☐ Member cooperating society.
AMS-American Meteorological Society
ASP-American Society of Photogrammetry
ACSM-American Congress on Surveying and Mapping
UGM-Union Geofisica Mexicana
CGU-Canadian Geophysical Union
EGS-European Geophysical Union

Nonmembers

The difference between member (or student member) registration and nonmember registration may be applied to AGU dues if a completed membership application is received at AGU by July 25, 1983. Current AGU annual membership rates are: \$20 Members; \$7 Student Members.

Preregistrants

Your receipt will be in your preregistration packet. The registration fee will be refunded if written notice of inability to attend is received in the AGU office by May 26. The program and meeting abstracts will appear in the May 3 issue of EOS, which is mailed to all members of AGU in advance of the meeting.

Office Use Reference Number

AGU 1983 SPRING MEETING MAY 30-JUNE 3, 1983 Baltimore, MD.

REGISTRATION FORM DEADLINE FOR RECEIPT OF PREREGISTRATION MAY 11, 1983

(rates applicable only if received by May 11, with payment)

	More than one day	One day
MEMBER	<input type="checkbox"/> \$65	<input type="checkbox"/> \$32.50
STUDENT MEMBER	<input type="checkbox"/> \$32	<input type="checkbox"/> \$16
NONMEMBER	<input type="checkbox"/> \$85	<input type="checkbox"/> \$42.50
STUDENT NONMEMBER	<input type="checkbox"/> \$39	<input type="checkbox"/> \$19.50
RETIRED SENIOR MEMBER	<input type="checkbox"/> \$32	<input type="checkbox"/> \$16
ABSTRACTS (May 3, 1983, EOS)	<input type="checkbox"/> \$5	<input type="checkbox"/> \$5
PRESIDENT'S DINNER-Wednesday	<input type="checkbox"/> \$25	<input type="checkbox"/> \$25

SECTION LUNCHEONS

All tickets are \$9.50 except for Seismology which is sponsored, cost is \$5

- ☐ Atmospheric Sciences-Thursdays
- ☐ Geodesy-Thursdays
- ☐ Geomagnetism and Paleomagnetism-Wednesdays
- ☐ Hydrology-Wednesdays
- ☐ Oceanography-Tuesdays
- ☐ Planetary/Volcanology, Geochemistry and Petrology-Wednesdays
- ☐ Seismology-Wednesdays
- ☐ Tectonophysics-Thursdays

☐ American Express
Charge to ☐ Visa ☐ MasterCard

Card Number

Expiration Date

Signature

Other payments (Please identify) \$

Total enclosed \$

(All orders must be accompanied by payment or credit card information. Make check payable to AGU.)

Office Use

Code
Check No.

Airfare Information Special 30% Discounted Air Fares Available When You Fly UNITED or DELTA to Baltimore.

UNITED Your toll-free number for flight reservations: 800-521-0810
(Michigan residents 800-482-0243)

Your AGU Convention Number 6318

Special arrangements have been made with United Airlines to offer you a special discount off regular roundtrip coach... available only when you call the toll-free number of United's Convention Desk: 8:30 A.M.-8:30 P.M. EST Monday through Friday.

Just call the above number, available to those within the 48 contiguous states. Ask for the Convention Desk. Tell them you are attending the AGU convention in Baltimore, or give them your AGU Convention Number: 6318.

Here are the details on your special AGU convention fares:
• 30% lower than the normal roundtrip coach fare in effect at the time of your ticket purchase
• No minimum stay is required
• Travel may commence no earlier than May 23, 1983, and must be completed on or before June 10, 1983

• Reservations should be made as early as possible. The final date for reservations and ticketing is May 17, 1983

• Ticket purchases may be made directly from United, who will mail your tickets directly to you. Just identify your method of payment when you call. If you wish to do so, you may purchase your ticket through an authorized travel agency. However, YOU, not your travel agent, should call United's unlisted number

Special Note in the current competitive 'air fare war' there are 'supersever' fares and other sporadic and short-lived discounted fares from specific cities to Baltimore. These fares have restrictions and are limited. United's convention specialists will assist you in determining if your travel plans meet these specific restrictions and will assist you in making reservations at the best available rate.

Members in Hawaii: Call your local United reservations office for assistance. Identify yourself as attendees of the AGU meeting in Baltimore and ask your reservation agent to queue your record to Detroit 58.

DELTA Call Delta Toll Free 1-800-241-8780 Continental U.S. (1-800-282-8536 Georgia Only)

Delta Air Lines, in cooperation with the American Geophysical Union, is offering a special convention rate, the YE253, which affords a savings of at least 30% for attendees traveling on Delta to their meeting. Departures to Baltimore must be from your home city between May 28 and June 1, 1983. Reservations must be confirmed and tickets purchased seven (7) days prior to your departure round trip via Delta. If special fares which represent a savings greater than our convention rate, YE253, Delta will attempt to confirm your reservations at that rate. For reservations and information call Delta... TOLL FREE... or your Travel Agent.

open through Thursday between 9 A.M. and 4 P.M.

Exhibitors confirmed to date are:

Academic Press Inc.
AGU Book/Periodical Show
American Geophysical Union
Defense Mapping Agency/HTC
Elsevier Science Publishing Company, Inc.
ENDEGO, Inc.
General Electric
Kinematics, Inc.
National Science Foundation
NASA/CSCF
Phoenix Geophysics Ltd.
Sapphire Instruments
Schonsted Instrument Co.
TeleDyne Geotech
Terra Technology
USGS

Business Meetings and Section Luncheons. The AGU Council will meet Tuesday, May 31, at 5:30 P.M. in the Constellation Ballroom E&F, Hyatt Regency. The annual business meeting of the Union will follow the Council meeting. Members are welcome.

Hydrology Section Executive Committee will meet Thursday, June 2, at 4:30 P.M. in the Preston Room, Hilton Hotel.

The Solar-Planetary Relationships Section business meeting will be on Thursday following an afternoon technical session in Room 310. Refreshments will be served.

Section luncheons will be held in the Hyatt Regency. Rooms will be published in the registration form which luncheon you plan to attend and include payment. Cost is \$9.50 per ticket (except for the Seismology luncheon).

The Oceanography luncheon will be held on Tuesday. Bruce Robeson, University of California at Santa Barbara, will speak on the "Status of the UNOLS Research Fleet."

The luncheons of the Geomagnetism and Paleomagnetism, Hydrology, and Planetary/Volcanology, Geochemistry, and Petrology sections will be held on Wednesday.

The Seismology luncheon, sponsored by Kinematics, Inc., TeleDyne Industries, Inc., and W. F. Sprangher Instrument Co., Inc., will also be on Wednesday; cost is \$5.00 per ticket. Brian J. Mitchell, St. Louis University, will speak on "The Early History of Seismology in the Central United States."

The Atmospheric Sciences, Geodesy, and Tectonophysics luncheons will be on Thursday.

Program Summary

Union
Satellites & Geosciences, Wed AM
History of Geophysics, Wed AM
Satellites & Geosciences, Wed PM
Test Bed Verification, Thurs AM
Test Bed Verification, Thurs PM

Atmospheric Sciences
Tropospheric Chemistry, Mon PM
El Chichón, Tues AM
Dry Deposition, Tues AM
Stratospheric Chemistry, Tues PM
Ocean/Climate Interactions, Wed PM
New Observing Systems, Thurs AM
Climate Changes, Thurs AM
History of Meteorology, Thurs PM

Geodesy
Earth & Ocean Tides, Tues AM
Results on Earth Rotation, Tues PM
Crustal Movements I, Thurs AM
Crustal Movements II, Thurs PM
Gravity Analysis II, Fri AM

Geomagnetism & Paleomagnetism
Magnet Studies, Mon AM
Long Wavelength Anomalies, Mon PM
Paleomagnetism-Sediments, Tues AM
Paleomagnetic Results, Tues PM
Reversals & Plate Motion, Wed AM

Hydrology
General Surface Water, Mon AM
Inlet Urban Hydrology I, Mon PM
Urban Runoff I, Tues AM
Inlet Urban Hydrology II, Tues PM
General Hydrology, Wed AM
Urban Runoff II, Wed AM
General Ground Water, Wed PM
Ground Water & Fractures I, Thurs AM
Ground Water & Fractures II, Thurs PM
Evapotranspiration, Fri AM

Oceanography
Absolute SST Measurements, Mon AM
Texas/Louisiana Shelf, Mon AM

Meetings (cont. on p. 142)

